

# ANNUAL -REPORT



## Department of Computer Science & Application 2018-19

A Computer Lab is a space which provides Computer services to a defined community . Computer labs are typically provided by libraries to the public, by academic institutions to the students who attend the institution.

Loyola College also has such a lab with many computers with latest Configuration and are typically equipped with internet access facility. They are typically arranged in rows , so that every workstation has a similar view of one end of the room to facilitate lecturing or presentation or in clusters, to facilitate small group work. The lab is divided into two sections , one for Computer science and other for Computer Application. The department gives great importance from the very beginning of academic year in view of total Computer literacy of the students. Besides the regular classes and practical's the students are given extra hours to enrich their knowledge towards the Projects Development, Workshop and Seminars.

From 2005 onwards our college had started various courses in Computer Science and Application.

<b>COURSES</b>	<b>YEAR OF ESTABLISHMENT</b>
BSc. (Computer Science)	2005
BCA	2008
B.Com.(Computer Application)	2008
PGDCA	2010-11
DCA	2013-14
B.A.(Computer Application)	2013-14

## COMPUTER LAB

i.	No. Of Systems with Configuration	38
ii.	Chairs	38
iii.	Tables	05
iv.	Almera (Cupboard)	02
v.	Staff Chairs	14
vi.	Inverter and Batteries	01
vii.	<u>No. Of fans and tube lights</u>	
	Fans	10
	Tube lights	10
	Bulb	07
viii.	Firefox	02
ix.	Notice board	01



## STUDENT – RECORD

S.NO	CLASS	No. of Students		Gen.	ST	SC	OBC	H/C	Others	total
		Boys	Girls							
1	B.Sc. I	32	21	9	26	2	16	0	0	53
2	B.Sc. II	36	15	6	27	0	18	0	0	51
3	B.Sc. III	13	9	9	7	0	6	0	0	22
4	B.C.A. I	4	2	1	3	0	2	0	0	06
5	B.C.A. II	4	4	1	5	0	2	0	0	08
6	B.C.A. III	6	0	1	3	0	2	0	0	06
7	D.C.A	1	2	0	2	0	1	0	0	03
8	PGDCA	2	6	4	1	0	3	0	0	08

## STAFF- RECORD

S.N	NAME	M/ F	FATHER/ HUSBAND NAME	EDUCATIO NAL QUALIFIC ATION	DESIGNATIO N	SPECIALIZ ATION	PUBLIS HED PAPERS	EXPERIE NCE
1.	MRS. JAYSHREE BAJAJ	F	MR. PARAS BAJAJ	MCA	ASST. PROF. (HOD)		01	10YEARS
2.	MR. NAND KUMAR SINGH	M	MR. KESHWARI SINGH	MPHIL, MCA, MSC ,MA, BLIB.	ASST. PROF.	SECURITY ON INTERNET: NETWORKI NG	02	10YEARS
3.	MR. BRAJKISHOR PATHAK	M	MR. SATYADEO PATHAK	M.PHIL, MCA, M.A.	ASST. PROF.			08YEARS
4.	MR. DEEPAK XESS	M	MR. GUSTAPH XESS	MSC	ASST. PROF.			08YEARS
5	MS. SWATI BARETH	F	MR. NARAD BARETH	MCA	ASST. PROF.			07YEARS
6	MS. UVIKA KUJUR	F	MR. CLAUDIUS KUJUR	M.PHIL, MCA	ASST. PROF.			01 YEAR
7.	MR. JITYANAND RAM	M	MR.	M.A., PGDCA	LAB. TECH.			01 YEAR

## STAFF ACHIVEMENTS:

### CONFERENCE /SEMINARS(NATIONAL/ INTERNATIONAL) PAPER /BOOK PUBLICATION

S.N	NAME	NATIONAL SEMINAR (Participation/Appreciation/Presentation)	INTERNATIONAL SEMINAR (Participation/Appreciation/Presentation)	INTERNATIONAL PAPER (Published in Journal)	NATIONAL/INTERNATIONAL WORKSHOP	NATIONAL/INTERNATIONAL BOOK (Book or Chapter Published)
1.	MR. NAND KUMAR SINGH	11	04	09	04	
2.	MR. BRAJKISHOR PATHAK	02		02	01	
3.	MRS. JAYSHREE BAJAJ	01		01		
4.	MS. SWATI BARETH	01	01	01		
5.	MS. UVIKA KUJUR	01		01		

### NATIONAL SEMINAR ((Participation/ Appreciation/Presentation)

1. Mr.Nand Kumar Singh delivered a lecture on “**Recent Trends in IT** “ [MBCMPZCB-2014] Loyola College Kunkuri (C.G.)  
Dated- 6<sup>th</sup>& 7<sup>th</sup> January.
2. Mr. Braj Kishor Pathak Present a Paper “**Side Effect of the EDI and solution**” in a National Seminar on “ENTRANCE OF MULTINATIONAL COMPANIES IN RETAIL MARKET” Organized by UGC and Holy Cross Women’s College Ambikapur (C.G.) Dated- 17<sup>th</sup>& 18<sup>th</sup> January 2014
3. Mr. Nand Kumar Singh Present a Paper “**FDI in India for IT**” in a National Seminar on “ENTRANCE OF MULTINATIONAL COMPANIES IN RETAIL MARKET” Organized by UGC and Holy Cross Women’s College Ambikapur (C.G.) Dated- 17<sup>th</sup>& 18<sup>th</sup> January 2014 .
4. Mr. Nand Kumar Singh Present a Paper “**Censorship: A Safer way to be Secured Online and Offline**” in a National Seminar on ”Innovation and Research in Science, Management and Technology” Organized by CGCOST Raipur(C.G.) and Bilaspur University (C.G.) Dated- 29<sup>th</sup>& 30<sup>th</sup> March 2015.
5. Mr. Nand Kumar Singh Present a Paper “**Actuator needs in extreme environments in Space**” in a National Seminar on ”Space Science and Environment” Organized by CGCOST Raipur(C.G.) and Bilaspur University Dated- 29<sup>th</sup>& 30<sup>th</sup> March 2015.
6. Mr. Nand Kumar Singh Present a Paper “**Information and Communication Technology for Rural development**” in a National Seminar on ”Role of Information Technology for Rural Development” Organized by CGCOST Raipur(C.G.) and Uma Vidyavasni College Latori, Surajpur (C.G.) Dated- 30<sup>th</sup>& 31<sup>st</sup> January 2016.

7. Mr. Nand Kumar Singh Present a Paper "***Effect of Internet on Naxalism***" in a National Seminar on "CHALLENGES OF NAXALISM IN INDIA" Organized by Govt. R.B.R. N.E.S. P.G. College Jashpur (C.G.) Dated- 22<sup>nd</sup>& 23<sup>rd</sup> February 2016.
8. Mr. Nand Kumar Singh Participated in a National Seminar on "....." Organized by Dr. C.V. Raman University Kargi Road Kota Bilaspur (C.G.) Dated- 22<sup>nd</sup>& 23<sup>rd</sup> January 2018.
9. Mr. Nand Kumar Singh, Mr. Braj Kishor Pathak Present a Paper "***Technologies for soil and water conservation***" in a National Seminar on "....." Organized by CGCOST Raipur, PSSOU Bilaspur, Guru Ghasidas University Bilaspur, Bilaspur University Bilaspur and Dr. C.V. Raman University Kargi Road Kota Bilaspur (C.G.) Dated- 29<sup>th</sup>& 30<sup>th</sup> March 2018.
10. Mr. Nand Kumar Singh Participated in a National Seminar On "Role in Science in Human Welfare and World Peace" Organized by CGCOST Raipur, Rajiv Gandhi PG college Ambikapur (C.G.) Dated -28<sup>th</sup> February 2019 .
11. Ms. Uvika Kujur, Ms. Swati Bareth, Mrs. Jaysree Bajaj Present a Paper "***Cyber Crime: A major problem***" in a National Seminar On "Advances in Computer Science and Information Technology" Organized by DR.C.V.RAMAN University Bilaspur, Rabindranath Tagore University Bhopal Dated -22<sup>nd</sup> 23<sup>rd</sup> February 2019 .
12. Mr. Nand Kumar Singh Present a Paper "***VPN IS SECURE THEN OTHER PROXIES FOR INTERNET FILTRATION***" in a National Seminar On "Advances in Computer Science and Information Technology" Organized by DR.C.V.RAMAN University Bilaspur, Rabindranath Tagore University Bhopal Dated -22<sup>nd</sup> 23<sup>rd</sup> February 2019 .
13. Mr. Nand Kumar Singh Participated in a National Seminar On "Role Of Science and Technology in Modern Society and Social Environment" Organized by Vishwavidyalaya Engineering College Lakhanpur Ambikapur (C.G.) Dated 01<sup>st</sup> -02<sup>nd</sup> June 2019 .

### **INTERNATIONAL SEMINAR (Participation/ Appreciation/Presentation)**

1. Mr. Nand Kumar Singh Present a Paper "***User Aided Internet Filtration: Awareness of What Information Access and Share Online***" at the International Conference on Current Advances in Electronics, Electrical and Computer Science (ICEECS) held at Chennai (India) on 6<sup>th</sup> March 2016.
2. Mr. Nand Kumar Singh Present a Paper "***Is Internet Neutrality a Form of Internet Censorship***" at the International Conference on Advanced Computer Science and Information Technology (ICACSIT) held at Chennai (India) on 10<sup>th</sup> April 2016.
3. Mr. Nand Kumar Singh Present a Paper "***GREENHOUSE AND GLOBAL WARMING***" at the International Conference on Environmental Changes In South And South East Asia: Challenges And Prospects at Pt.R.S.University Raipur(C.G.) on 24<sup>th</sup>-26<sup>th</sup> September 2017.

4. Mr. Nand Kumar Singh Present a Paper **“TECHNICAL EDUCATION IN KUNKURI BLOCK ”**at the 13<sup>TH</sup> International Conference on Urban Development at ISDR Ranchi (Jharkhand) on 10<sup>th</sup> -12<sup>th</sup> March 2018.
5. Mr. Nand Kumar Singh Present a Paper **“Prospects of Agriculture and Rural Marketing Development in Jashpur District”**at the 14<sup>th</sup> International Conference on Rural Development at ISDR Ranchi (Jharkhand) on 27<sup>th</sup> -29<sup>th</sup> October 2018.
6. Present a Paper **“Prospects of Agriculture and Rural Marketing Development in Jashpur District”**at the 14<sup>th</sup> International Conference on Rural Development at ISDR Ranchi (Jharkhand) on 27<sup>th</sup> -29<sup>th</sup> October 2018.

### **NATIONAL/ INTERNATIONAL WORKSHOP**

1. Mr. Nand Kumar Singh participated National Workshop On **“How to Write Research Paper”** Organized by Kalyan PG college Bhilai (C.G.) Dated 12<sup>th</sup>& 13<sup>th</sup> Febuary 2016.
2. Mr. Braj Kishor Pathak participated National Workshop On **“How to Write Research Paper”** Organized by Kalyan PG college Bhilai (C.G.) Dated 12<sup>th</sup>& 13<sup>th</sup> Febuary 2016.
3. Mr. Nand Kumar Singh Participated in a National Workshop on **”.....”** Organized by Govt. V.B.S. Girls. P.G. College Jashpur (C.G.) Dated- 15<sup>th</sup> December 2017.
4. Mr. Nand Kumar Singh participated National Experimental Workshop On **“DATA ANALYTICS USING R”** Organized by AUROPATH Puducherry , India , Dr. C.V. Raman University Kargi Road Kota Bilaspur (C.G.) Dated 27<sup>th</sup> – 28<sup>th</sup> July 2018.
5. Mr. Nand Kumar Singh participated National Workshop On **“Health Monitoring & Rehabilitation of Structures”** Organized by Jadavpur University Kolkata Dated 07<sup>th</sup> December 2018.

### **INTERNATIONAL PAPER(Published in Journal)**

1. Mr. Nand Kumar Singh , Mr. Braj Kishor Pathak , Mrs. Jayshree Bajaj has published a Paper entitled **“SITUATION OF INTERNET FILTRATION IN INDIA “** in International Journal of Computer Science Trends and Technology”(IJCST) Volume 4 issue 5 -2016.
2. Mr. Nand Kumar Singh has published a paper entitled**“User Aided Internet Filtration: Awareness of What Information Access and Share Online”**on International Journal of Advances In Electronics And Computer Science (IJAECS) volume-3 Issue-5.
3. Mr. Nand Kumar Singh has published a paper entitled**“Impact of Internet Filtration”**on International Journal of Engineering Science and Computing (IJESC) volume-6 Issue-10, October 2016.
4. Mr. Nand Kumar Singh has published a paper entitled **“IS INTERNET NEUTRALITY A FORM OF INTERNET CENSORSHIP”** on International Education and Research Journal (IERJ)volume-3 Issue-2 February 2017.

5. Ms. Swati Bareth has published a paper entitled "***Application of Biometric Authentication: An Analysis and Comparison***" on International Education and Research Journal (**IERJ**) volume-3 Issue-5 May 2017.
6. Mr. Nand Kumar Singh has published a paper entitled "***Impact of Internet Filtration***" on International Journal of Engineering Science and Computing (**IJESC**) volume-6 Issue-10, October 2016.
7. Mr. Nand Kumar Singh has published a paper entitled "***Internet Filtration and Internet Neutrality***" on International Journal of Computer Trends and Technology (**IJCTT**) volume-49 Issue-03, July 2017.
8. Mr. Nand Kumar Singh has published a paper entitled "***GREENHOUSE AND GLOBAL WARMING***" on International Education and Research Journal (**IERJ**) volume-3 Issue-11 November 2017.
9. Mr. Nand Kumar Singh, Mr. Braj Kishor Pathak has published a Paper entitled "***Tools and Techniques to Bypass Internet Filtration***" in International Journal of Scientific Research in Computer Science, Engineering and Information Technology "**(IJSRCSEIT)**" Volume 2 issue 6 – December 2017.
10. Ms. Uvika Kujur has published a Paper entitled "***Features Analysis and Comparison of 5G Technology***" in International Journal of Advances in Computer Engineering & Technology (**IJAR CET**) Volume 7 issue 5– May 2018.
11. Mr. Nand Kumar Singh, Mr. Braj Kishor Pathak has published a paper entitled "***VPN IS SECURE THEN OTHER PROXIES FOR INTERNET FILTRATION***" on International Education and Research Journal (**IERJ**) volume-5 Issue-2 February 2019

### **BOARD OF STUDY:**

Our staff member Mr. Nand Kumar Singh had selected board of study member July 2017 of Sant Gahira Guru Vishvidyalaya Ambikapur (C.G) in Computer Science Subject.

## CURRICULAR ACTIVITIES

- In June our departmental staff had attend 2 days Orientation program at XIDAS ,Jabalpur.
- In the month of July the departmental staff had given their participation in handling the HELP DECK for students for helping them to select subject and filling the examination form.
- Our departmental students had participated in **JAS-PRAN MATDATA JAGRUKTAABHIYAN** by spreading the awareness about voting among people in various rural areas.
- Our departmental students had participated in NATIONAL SERVICE SCHEME(NSS)to spread the awareness about the cleanliness among the society .
- UNDER the **WORLD COMPUTER LITERACY DAY** , our department had arranged QUIZ COMPETITION on IT field on 3<sup>rd</sup> of December for the various schools to spread the IT knowledge . For this our principal had also declared special announcement of 50% relaxation in admission fees for the I,II,III,ranking students.





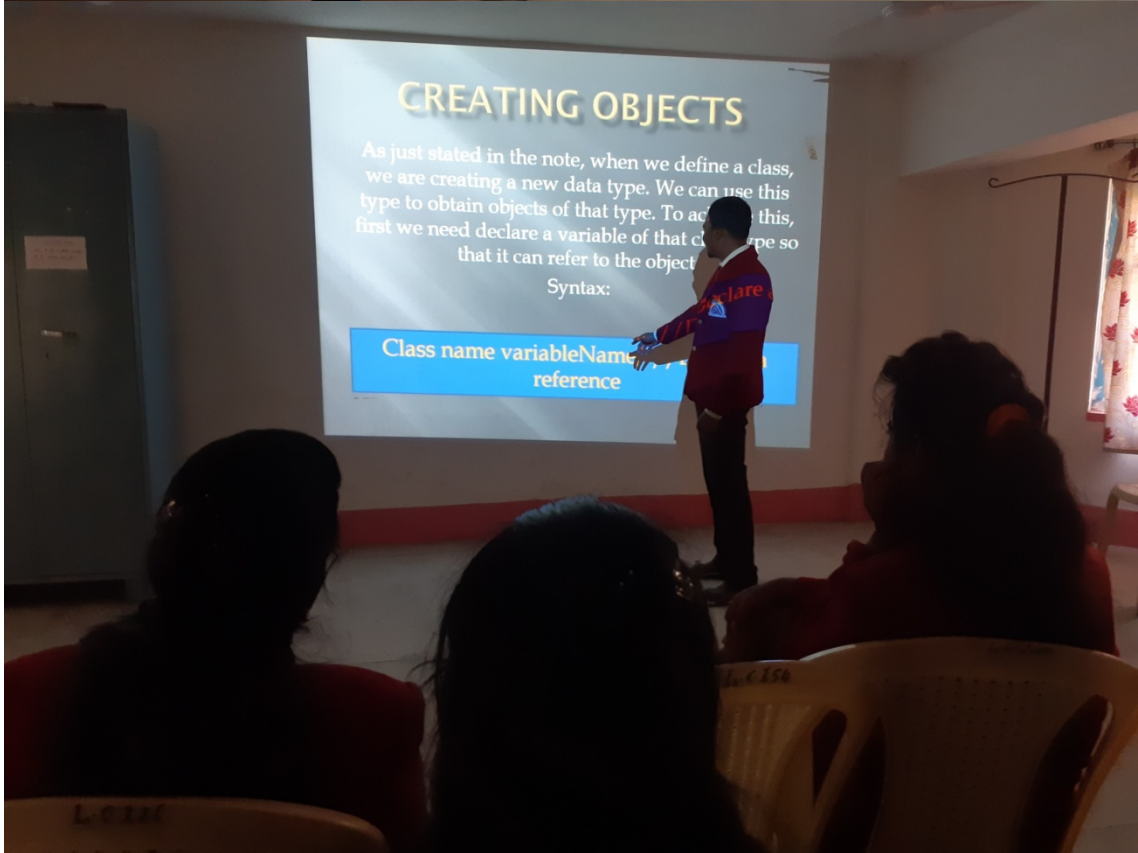




- In January 2019 our department had arranged educational tour for our students at Vishakhapatnam for visiting software companies.
- In February 2019 our department of students had participated in annual day program by taking part in various competition i.e. salad decoration, flower decoration, solo song, solo dance, rangoli , and best from waste competition.
- Seminars had arranged for students by our departmental staff for getting knowledge about recent trends. Our departmental staff had also participated under the Sanskar Kranti Yojana for the distribution of the mobile to all the students of the college.

- Students of various classes had delivered their seminars through projector







STUDENTTS PRESENTING SEMINARS (B.C.A.)



**Computer Staff Members**



**Educational tour to Vizag, visiting Andhra University and Shipping area in 2018-19.**